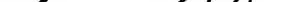


<p>Substitute for form 1449A/PTO-1 APR 1 2001 U. S. PATENT AND TRADEMARK OFFICE</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(use as many sheets as necessary)</p>		Complete if Known	
		Application Number	10/054,749
		Filing Date	January 18, 2002
		First Named Inventor	Stork, David G.
		Art Unit	2142
		Examiner Name	Blair, D. B.
Sheet	1	of	2
		Attorney Docket Number	
		015358-006710US	

Examiner Signature		Date Considered	9/22/05
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Sheet 1 of 3

Complete if Known

Application Number	10/054,749
Filing Date	January 18, 2002
First Named Inventor	Stork, David G.
Group Art Unit	2153
Examiner Name	Burgess, Glenton B.

Attorney Docket Number 15358-006710US

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
AS	AA	RE 31,287		Patil	06-21-1983	
AB	AB	4,068,214		Patil	01-10-1978	
AC	AC	4,644,461		Jennings	02-17-1987	
AD	AD	4,700,187		Furtek	10-13-1987	
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AF	AF	5,029,080		Otsuki	07-02-1991	
AG	AG	5,257,363		Shapiro et al.	10-26-1993	
AH	AH	5,283,896		Temmyo et al.	02-01-1994	
AI	AI	5,291,427		Loyer et al.	03-01-1994	
AJ	AJ	5,555,178		Koyama et al.	09-10-1996	
AK	AK	5,742,283		Kim	04-21-1998	
AL	AL	6,002,850		Simino et al.	12-14-1999	
AM	AM	6,011,830		Sasin et al.	01-04-2000	
AN	AN	6,087,357		Kishinsky et al.	05-23-2000	
AO	AO	6,178,239	B1	Kishinsky et al.	01-23-2001	
AP	AP	6,225,998	B1	Okita et al.	05-01-2001	
AQ	AQ	6,256,598	B1	Park et al.	07-03-2001	

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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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AR	DE	4301391	A1	Vettkarkind, D.	08-11-1994	
AS	DE	19821062	A1	Siemens, A.G.	11-27-1997	
AT	JP	7160773	A	Omron, K.K.	06-23-1995	
AU	JP	10049206	A	Kobe Steel, Ltd.	02-20-1998	
AV	JP	10058288	A	Toshiba, K.K.	03-03-1998	
AW	JP	10124410	A	Ebara Corp.	05-15-1998	
AX	JP	10240714	A	Toshiba, K.K.	09-11-1998	
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Date Considered

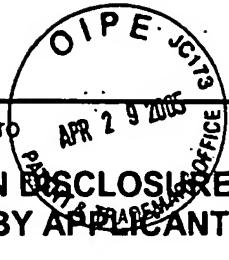
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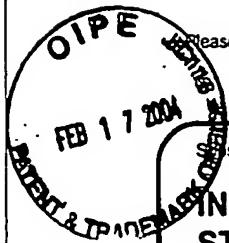


<p>Substitute for form 1449B/PTO</p> <p>APR 29 2005</p> <p>U. S. PATENT AND TRADEMARK OFFICE</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(use as many sheets as necessary)</p>		<p>Complete if Known</p> <p><i>Application Number</i> 10/054,749</p> <p><i>Filing Date</i> January 18, 2002</p> <p><i>First Named Inventor</i> Stork, David G.</p> <p><i>Art Unit</i> 2142</p> <p><i>Examiner Name</i> Blair, D. B.</p> <p><i>Attorney Docket Number</i> 015358-006710US</p>	
Sheet	2	of	2

Examiner Signature		Date Considered	9/22/05
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Sheet

2

of

3

Complete if Known

Application Number	10/054,749
Filing Date	January 18, 2002
First Named Inventor	Stork, David G.
Group Art Unit	2153
Examiner Name	Burgess, Glenton B.
Attorney Docket Number	15358-006710US

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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
AZ	ACSTO, L., and HENNESSY, M., "Adding Action Refinement to a Finite Process Algebra," <i>Information and Computation</i> , 115, pp. 179-247 (1994).		
BA	ANONYMOUS, "Petri net approach to checking software structural change correctness in operation - using changed region analysis to identify parts still needing further checking using set of linear expressions in logic-relationship," <i>RD 348009 A</i> , p. 225, (4-10-1993).		
BB	BAI, YUE-BIN, LIU, YI, MA, JIAN-SHE, and ZHENG, SHOU-QI, "Research and Implementation of Distributed Security Administration System for Remote Access Based on NAS," <i>Mini-Micro Systems</i> , Vol. 21, No. 11, pp. 1197-2000 (Nov. 2000).		
BC	BAUDERON, M., and COURCELLE, B., "Graph Expressions and Graph Rewriting," <i>Mathematical Systems Theory</i> , Vol. 20, pp. 83-127. (1987).		
BD	CHUN, Yang, "Application and Research of a User Name and Password Authentication Based on SOCKS V5," <i>Journal of University of Electronic Science and Technology of China</i> , Vol. 30, No. 2, pp. 162-165 (Apr. 2001).		
BE	DOYLE, E.M., TAVARES, S.E., and MEIJER, H., "Computer Analysis of Cryptographic Protocols Using Colored Petri Nets," <i>18th Biennial Symposium on Communication Symposium Proceedings</i> , pp. 194-199 (June, 1996).		
BF	EL-HADIDI, M.T., HEBAZI, N.H., and ASLAN, H.K., "Implementation of a Hybrid Encryption Scheme for Ethernet," <i>Proceedings of IEEE Symposium on Computers and Communications</i> , Alexandria, Egypt, pp. 156-158 (June 1995).		
BG	GENRICH, H.J., and LAUTENBACH, K., "System Modelling With High-Level Petri Nets," <i>Theoretical Computer Science</i> , 13, pp. 109-136, (1981).		
BH	JUSZCZYZYN, K., "Secure Information Flow Model for Corporate Network," <i>Information Systems Architecture and Technology ISAT 2000</i> , pp. 272-279, (2000).		
BI	KARRI, R., "A Security Imbedded Authentication Protocol," <i>IEEE INFOCOM '88 - The Conference on Computer Communications Proceedings</i> , pp. 1105-1109 (March 1988).		
BJ	KRAMER, B., "Rule-Enhanced Petri Nets for Software Process Modeling," <i>SEKE '94 - The 6th International Conference on Software Engineering and Knowledge Engineering</i> , pp. 493-500 (June 1994).		
BK	MILNER, R., "Communicating and Mobile Systems: The π - Calculus," Cambridge University Press, Cambridge, UK, pp. 1-181, (1999).		
BL	MIRSKY, E., and DEHON, A., "MATRIX: A Reconfigurable Computing Architecture with Configurable Instruction Distribution and Deployable Resources," <i>Proceedings of IEEE Workshop of FPGAs for Custom Computing Machines</i> , pp. 157-166, (1998).		
BM	MURATA, T., "Petri nets: Properties, Analysis and Applications," <i>Proceedings of the IEEE</i> , Vol. 77, No. 4, pp. 541-580, (April 1989).		
BN	MORTON, C.M., ROBART, L.C., and TAVARES, S.E., "Decomposition Techniques for Cryptographic Protocol Analysis," <i>1994 Canadian Conference on Electrical and Computer Engineering</i> , pp. 335-339, (September 1994).		

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Signature

Date
Considered

9/27/05

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 3 of 3

Complete If Known

Application Number	10/054,749
Filing Date	January 18, 2002
First Named Inventor	Stork, David G.
Group Art Unit	2153
Examiner Name	Burgess, Glenton B.

Attorney Docket Number 15358-006710US

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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

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Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	BO	OHTA, A., OHBA, T., and HISAMURA, T., "On liveness of Subclasses of Petri Nets with Permission or Inhibitor ATCs," Trans. of the Society of Instrument and Control Engineers, Vol. 31, No. 10, pp. 1722-1729 (1995).	
	BP	SCHMIDT, H.W., "Prototyping and Analysis of Non-Sequential Systems Using Predicate-Event Nets," Journal Systems Software, Vol. 15, pp. 43-62, (1991).	
	BQ	VALETTE, R., "Analysis of Petri Nets By Stepwise Refinements," Journal of Computer and System Sciences, Vol. 18, No. 1, pp. 35-46, (1979).	
	BR	VAN DER AALST, WIL M.P., "Interorganizational Workflows: An approach based on message sequence charts and Petri Nets," website address: http://imii.tue.nl/staff/vvdaalst/Publications/p70.pdf , from in Proceedings of PROLAMAT'98, IFIP Transactions, Trento, pp. 1-43, (1998).	
	BS	VAN DER AALST, WIL M.P., "Interorganizational Workflows: An approach based on message sequence charts and Petri Nets," Systems Analysis - Modelling - Stimulation (SAMS), Vol. 34, pp. 335-367, (1999).	
	BT	VAN DER AALST, WIL M.P., "Interorganizational Workflows: An approach based on message sequence charts and Petri Nets," Systems analysis - Modelling - Stimulation, Vol. 35, No. 3, pp. 345-357, (1999).	
	BU	VAN DER AALST, WIL M.P., "Three Good Reasons for Using a Petri-Net-Based Workflow Management System," Information and Process Integration in Enterprises: Rethinking Documents, Kluwer Academic Publishers, Norwell, MA, pp. 161-182 (1998).	
	BV	VAN GLABBEEK, R., and GOLTZ, U., "Refinement of Actions in Causality Based Models," Proceedings of the Rex Workshop - Stepwise Refinement of Distributed Systems Models, Formalisms, Correctness, Mook, The Netherlands, pp. 267-300, (May 29 - June 2, 1989).	
	BW	VAN GLABBEEK, R., and WELLIAND, P., "Branching Time and Abstraction in Bisimulation Semantics," Journal of the ACM, Vol. 43, No. 3, pp. 555-600 (May 1996).	
	BX	WEITZ, W., "SGML-Nets: Integrating Document and Workflow Modeling," Proceedings of the 31st Annual Hawaii International Conference on System Sciences, IEEE, pp. 185-194 (1998).	

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Date Considered

9/22/03

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheets

1

81

2

<i>Complete if Known</i>	
Application Number	10/054,749
Filing Date	January 18, 2002
First Named Inventor	Stork, David G.
Art Unit	2171
Examiner Name	Unassigned
Attorney Docket Number	015358-006710US

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FOREIGN PATENT DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴ Kind Code ⁵ (if known)				

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Signature**

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9/22/05

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

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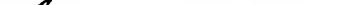
Application Number	10/054,749
Filing Date	January 18, 2002
First Named Inventor	Stork, David G.
Art Unit	2171
Examiner Name	Unassigned
Attorney Docket Number	015358-006710US

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Application Number	10/064,749
Filing Date	January 16, 2002
First Named Inventor	Stork, David G.
Group Art Unit	2171
Examiner Name	To Be Assigned

Sheet

1

of

3

Attorney Docket Number

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U.S. PATENT DOCUMENTS

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	AD	4,700,187		Purtek	10-18-1987	
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	AI	5,281,427		Loyer et al.	03-01-1994	
	AJ	5,555,179		Koyama et al.	09-10-1995	
	AK	5,742,283		Kim	04-21-1998	
	AL	6,002,650		Simino et al.	12-14-1999	
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	AN	6,097,857		Kichinsky et al.	05-23-2000	
	AO	6,176,239	B1	Kichinsky et al.	01-28-2001	
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	AR	DE	4301391	A1	Vetterkind, D.	08-11-1994		
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	AU	JP	10046226	A	Kobe Steel, Ltd.	02-20-1998		
	AV	JP	10059288	A	Toshiba, K.K.	03-03-1998		
	AW	JP	10124110	A	Ebara Corp.	05-15-1998		
	AX	JP	10240714	A	Toshiba, K.K.	09-11-1998		
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Date Considered

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Sheet

2 of 3

Complete If Known

Application Number	10/054,749
Filing Date	January 18, 2002
First Named Inventor	Stork, David G.
Group Art Unit	2171
Examiner Name	To Be Assigned

Attorney Docket Number 015358-008710US

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
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BC	BAUDERON, M. and COURCELLE, B. "Graph Expressions and Graph Rewriting," Mathematical Systems Theory, Vol. 20, pp. 83-127, (1987).		
BD	CHUN, Yang, "Application and Research of a User Name and Password Authentication Based on SOCKS V5," Journal of University of Electronic Science and Technology of China, Vol. 30, No. 2, pp. 182-185 (Apr. 2001).		
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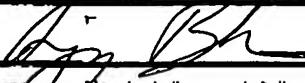
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10/054,749
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Sheet 3 of 3		First Named Inventor	Stork, David G.
		Group Art Unit	2171
		Examiner Name	To Be Assigned
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	BO	OHATA, A., OHBA, T., and HISAMURA, T., "On Liveness of Subclasses of Petri Nets with Permission or Inhibitor Arcs," <i>Transactions of the Society of Instrument and Control Engineers</i> , Vol. 31, No. 10, pp. 1722-1729 (1995).		
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